

**DECLARATION AND POWER OF ATTORNEY -  
ORIGINAL APPLICATION**

ATTORNEY'S DOCKET NO.  
5634/8

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am an original, first, and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled **Signal Processing Apparatus and Methods**, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

**PRIOR UNITED STATES APPLICATION(S)**

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| APPLICATION<br>NUMBER | FILING DATE<br>(day, month, year) | STATUS<br>(i.e. Patented, Pending,<br>Abandoned) |
|-----------------------|-----------------------------------|--|
| 08\056,501            | 3 May 1993                        | Pending  |
| 07\849,226            | 10 March 1992                     | Patented   |
| 07\588,126            | 25 September 1990                 | Patented   |
| 07\096,096            | 11 September 1987                 | Patented   |
| 06\829,531            | 14 February 1986                  | Patented   |
| 06\317,510            | 3 November 1981                   | Patented   |

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:  
James F. Davis (Reg. No. 21,072); Joel M. Freed (Reg. No. 21,501); Alan M. Grimaldi (Reg. No. 26,599); Thomas J. Scott, Jr. (Reg. No. 27,836); Richard H. Kjeldgaard (Reg. No. 30,186); Joseph P. Lavelle (Reg. No. 31,036); William J. Griffin (Reg. No. 31,260); Richard S. Meyer (Reg. No. 32,541); James W. Inskeep (Reg. No. 33,910) and C. Scott Talbot (Reg. No. 34,262).

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I declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

|            |                                 |   |                                      |  |
|------------|---------------------------------|---|--------------------------------------|--|
| 100<br>200 | FULL NAME OF INVENTOR           | FAMILY NAME<br>Harvey                       | FIRST GIVEN NAME<br>John             | SECOND GIVEN NAME<br>Christopher           |
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|            | Signature: <i>James Cuddihy</i> |   | Date: <i>Aug 28, 1993</i>            |  |